

FIG. 2 PRIOR ART

11

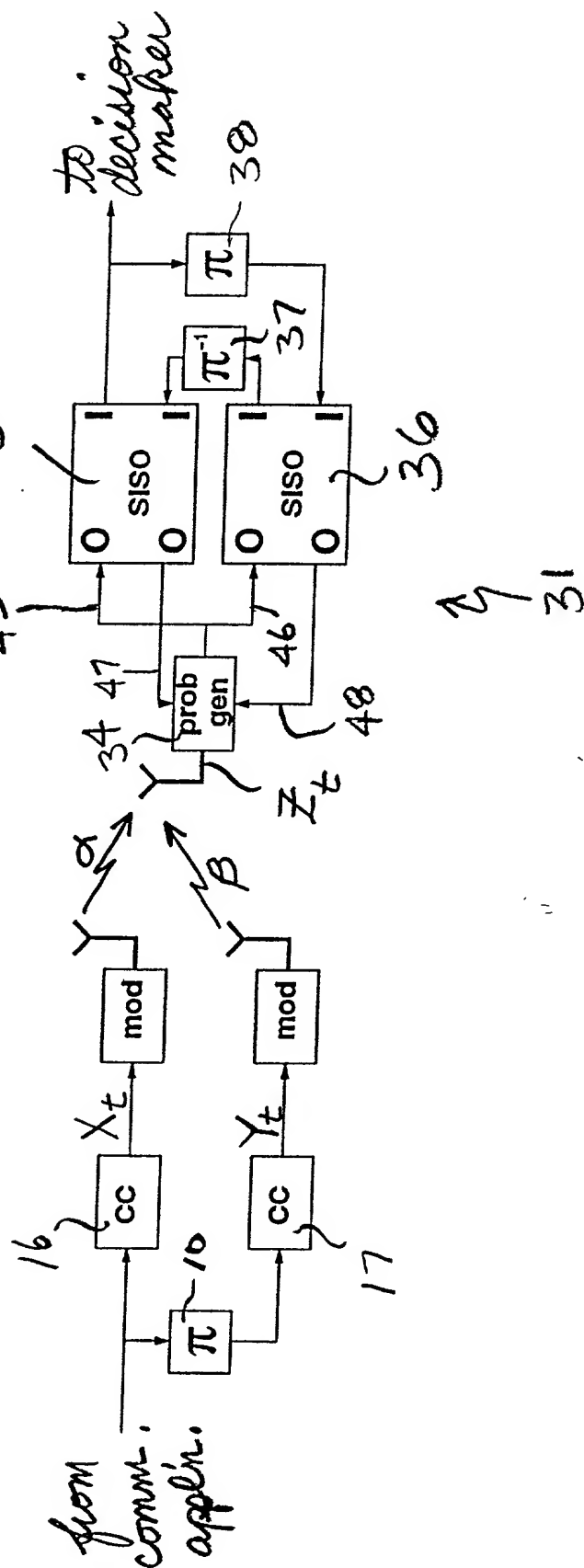


FIG. 3

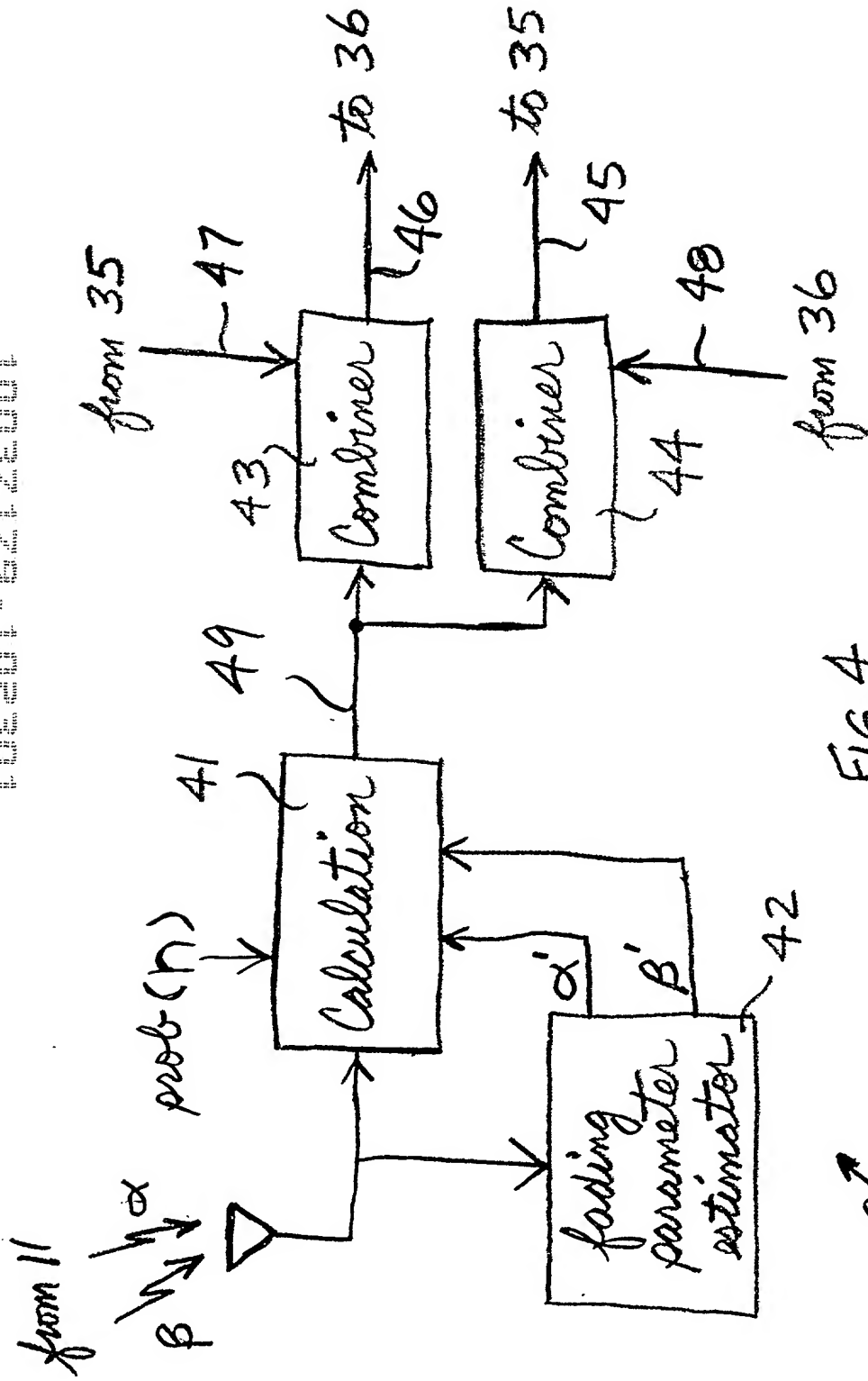


FIG. 4

FIG. 5

produce initial a priori output prob's. for SISOs 51

SISO 35 (36) uses initial a priori output prob's. to produce a posteriori input prob's. 52

apply interleaving (de-interleaving) to a posteriori input prob's. from SISO 35 (36) 53

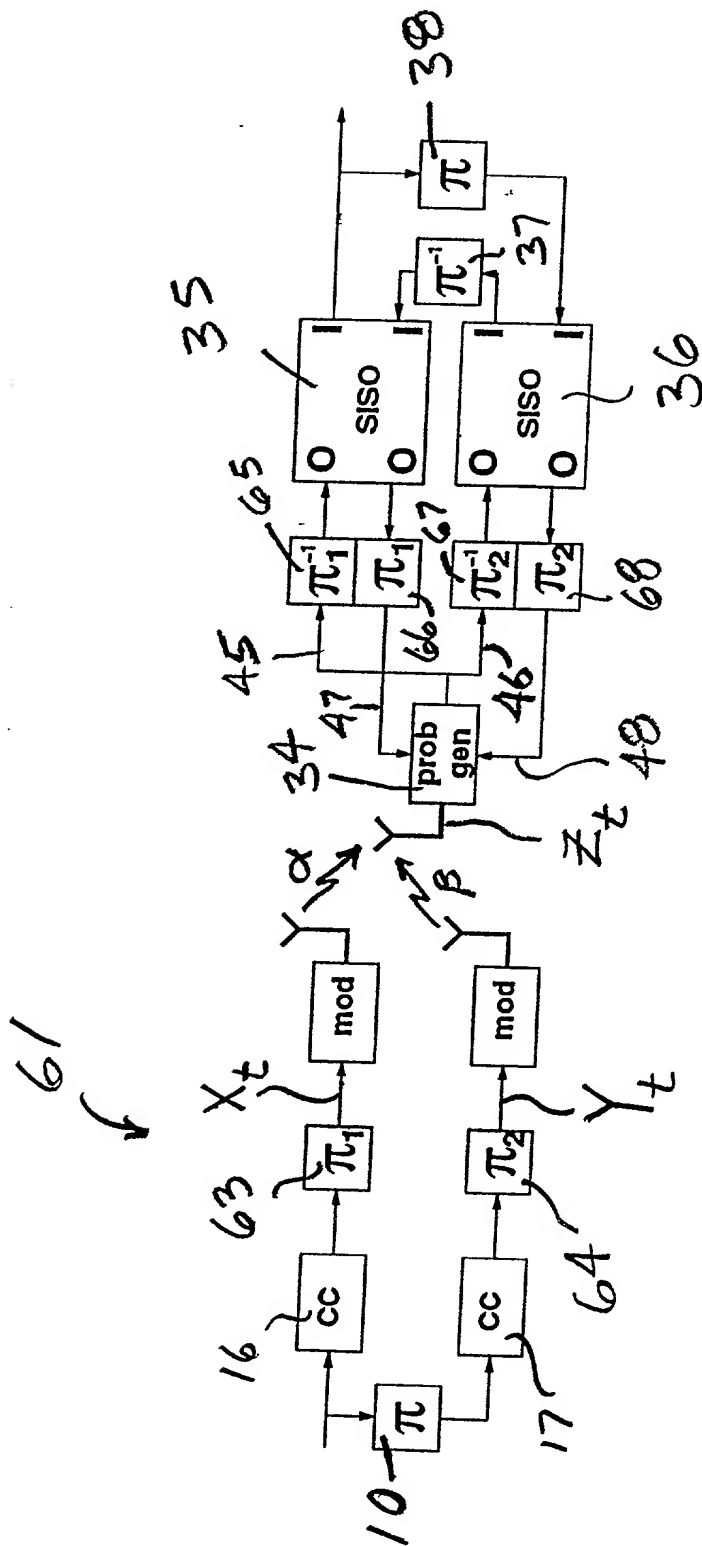
SISO 36 (35) uses a priori output prob's. and the interleaved (de-interleaved) a posteriori input prob's. of SISO 35 (36) to produce a posteriori input and output prob's. 54

apply de-interleaving (interleaving) to a posteriori input prob's. from SISO 36 (35) 55

use a posteriori output prob's. from SISO 36 (35) to produce a priori output prob's. for SISO 35 (36) 56

SISO 35 (36) uses a priori output prob's. and de-interleaved (interleaved) a posteriori input prob's. of SISO 36 (35) to produce a posteriori input and output prob's. 57

use a posteriori output prob's. from SISO 35 (36) to produce a priori output prob's. for SISO 36 (35) 58



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FIG. 6

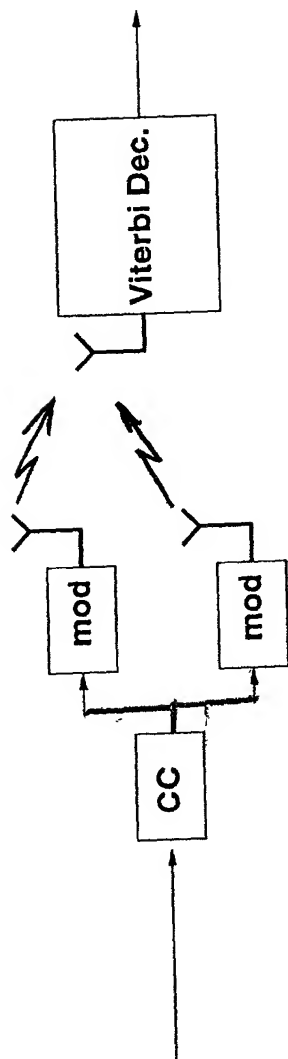


FIG. 8 PRIOR ART

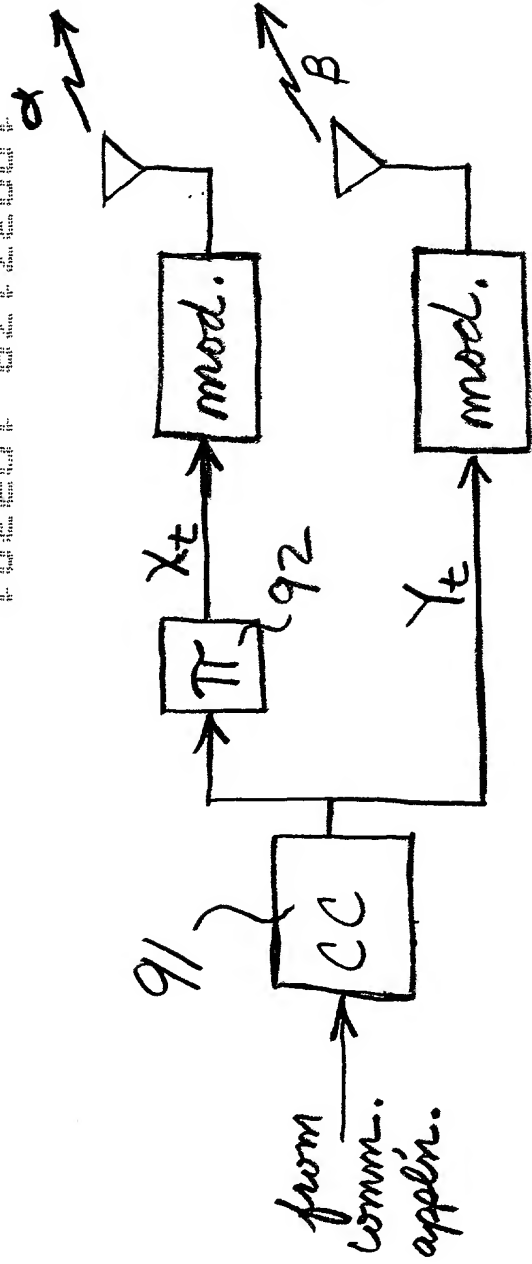


FIG. 9

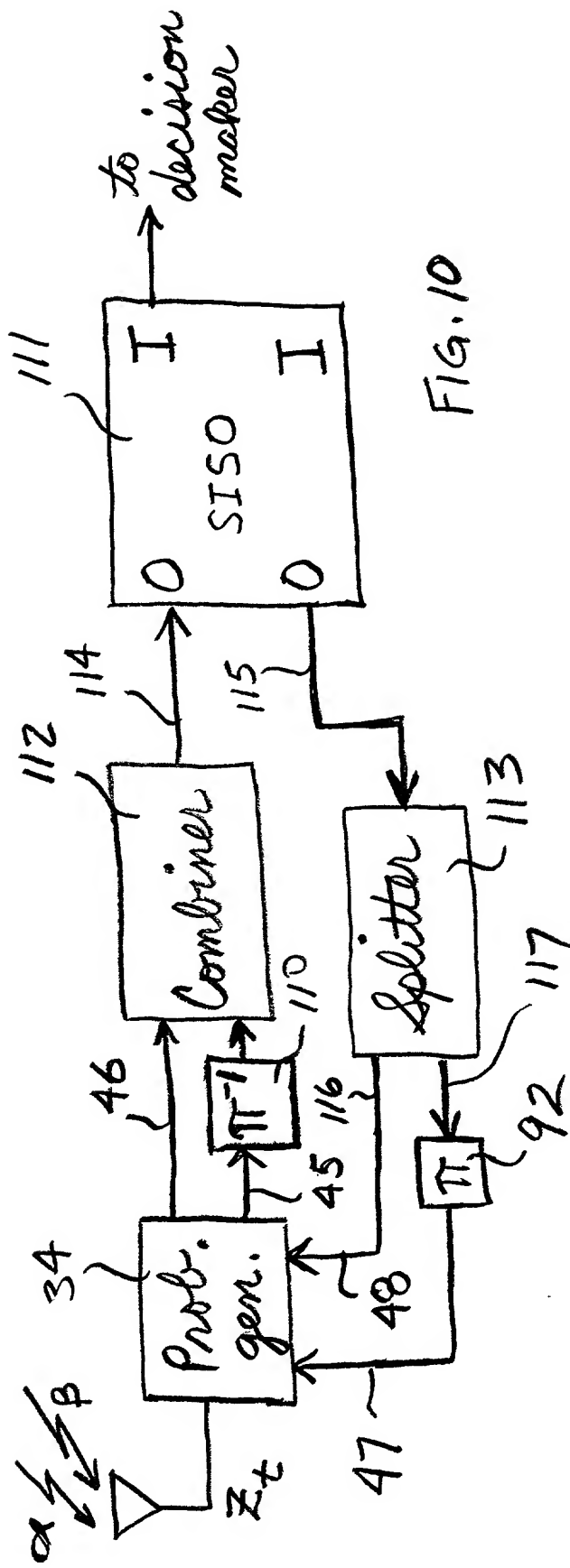


FIG. 10

FIG. 11

produce 1ST and 2ND sets of initial a priori output prob's. 120

apply de-interleaving to the 2ND set of a priori output prob's. 121

combine the 1ST set of a priori output prob's. with the de-interleaved 2ND set of a priori output prob's. to produce a combined a priori output prob's. 122

SISO uses the combined ~~sets~~ a priori output prob's. to produce combined ~~sets~~ a posteriori input and output prob's. 123

split the combined ~~sets~~ a posteriori output prob's. into 1ST and 2ND sets of a posteriori output prob's. 124

apply interleaving to the 2ND set of a posteriori output prob's. 125

use the 1ST set and interleaved 2ND set of a posteriori output prob's. to produce next iteration of the 2ND and 1ST sets of a priori output prob's., respectively 126

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Fig. 12

